

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

Head of Account:

Job Number :

Division: Project Division, Yelahanka Zone

Sub division: Project Division, Yelahanka Zone

Bill Received No. Date..... Cash Book Voucher No..... dated.....

Scheduled Docted No.

Name of Work (as per sanctioned estimate): Construction of Samudhaya Bhavana Building and Bus shelter & providing grill fencing and other development works at 407 SFS park, 707 SFS park, Sri madivala machideva park and Major Sandeep Unnikrishnan Park of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants (PACKAGE-02).

Name of Contractor and Full Address: Sri.K Lakshmi Narayana Reddy (M/S.LNR Ventures Constructions pvt.Ltd

Reference to Work order No. EE/Project/4 Nuzim/20/02/22-23

Certified that the measurement were taken by me on 19/11/2022 and recorded of pages 42952 to 42964 of measurement Book No: 15/19-20..... and that the work is satisfactorily executed.

K. L. L. L.

Contractor :

Officer-In-Charge of work

Certified that the measurements were taken by me on 19/11/2022 and are found correct and the work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

II Memorandum of Payment

Asst. Engineer
Sub-Division Officer

- 1) Total value of work done or supplies made as per account within
- 2) Deduct amount to be held in reserve being.....percent Rs.....
- 3) Deduct amount to be held in Balance
- 4) Deduct Payments:
 - a) Amount of previous payment as in the office Cash Book Voucher No.....Dated S.D No.....
Amount adjusted towards cash advance recovery of
 - b) Payments cost store or other materials supplied
Now made recovery of amount creditable to this/other work
Amount paid on this bill Cheque/Cash
- 5) Balance being unpaid value of work done held in reserve
- 6) Deduct cash advance made on the Office Cash Book Voucher No.....
dated..... less adjustments
- 7) Net amount due to or from contractor
Unadjusted items
- 8) Advance to contractor for materials brought to site (as detailed) with
Value of Government materials supplied

Project Division Yelahanka Zone BBMP, Bangalore - 92	
B-A-	8,20,89,800 = ∞
IT-	1641800 = ∞
CEST-	695700 = ∞
SEST-	695700 = ∞
CBE-	82100 = ∞
WNC-	820900 = ∞
RTY	208700 = ∞
Adj-	41,44,900 = ∞
Ch-	7,79,44,900 = ∞

K. L. L. L.
Contractor's Signature

Received Rs.

by cash and by adjustment of Payment as per memorandum.

Witnesses:

1

2

Dated..... Signature of Contractor

Paid by me by cheque No..... dated.....

Cast Rs..... dated.....

Initials of Officer making payment

Head of Account.....

Audited & admitted for Rs.....
(For use in the Office)

8,20,89,800 = ∞

7,79,44,900 = ∞ by Cheque

and Rs. 41,44,900 = ∞ by Adjustment

Executive Engineer

Accy. Clerk
Project DivisionAsst. Supdt.
Project Division
B.B.M.P.Exe. Engineer
Project Division
B.B.M.P.

BRUHAT BENGALURU MAHANAGARA PALIKE
Project Division, Yelahanka Zone

Name of Work: Construction of Samudhaya Bhavana Building and Bus shelter & providing grill fencing and other development works at 407 SFS park, 707 SFS park, Sri madivala machideva park and Major Sandeep Unnikrishnan Park of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants (PACKAGE-02).

Job Code :

Contractor- Sri.K Lakshmi Narayana Reddy (M/S.LNR Ventures Constructions pvt.Ltd)

1st & Part Bill

Sl. No	Discription of Item	Unit	BOQ Qty	BOQ RATE	Amount	Present Bill		Total claimed up to this bill	
						Qty	Amount	Qty	Amount
1	Demolishing cement concrete manually/ by mechanical means including disposal of material to the appropriate disposal area as per direction of Engineer-in-charge. (KPWD SR 2021-22, Volume II, Item No.19.2.1, Page No.163)	Cum	47.98	1,448.91	69,517.25	47.60	68,968.12	47.60	68,968.12
2	Demolishing stone rubble masonry In cement mortar manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material to the appropriate disposal area as per direction of Engineerin- charge. (KPWD SR 2021-22, Volume-II, Item No.19.9.2, Page No.163)	Cum	319.86	1,414.77	4,52,528.33	316.41	4,47,647.38	316.41	4,47,647.38
3	Earth work in surface excavation by mechanical means for lowering & leveling the ground without blasting for all works other than foundation in Ordinary/Soft rock & depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work In Ordinary/Soft rock upto 300mm depth. (KPWD SR 2021-22, Volume-I, Item No.1.13, Page No.8)	Cum	889.55	304.42	2,70,796.81	526.46 526.29	154176 1,60,214.12	526.29	154176.0 1,60,214.12

Sl. No	Discription of Item	Unit	BOQ Qty	BOQ RATE	Amount	Present Bill		Total claimed up to this bill	
						Qty	Amount	Qty	Amount
4	Earth work excavation by manual means for drains, canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such similar works in all kinds of soils, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenances required to complete the work. (KPWD SR 2021-22, Volume-I, Item No.1.4.1, Page No.5)	Cum	983.30	213.68	2,10,111.01	953.64	2,03,773.80	953.64	2,03,773.80
5	Earth work excavation for Foundation by mechanical means for all works & depth upto 3 m, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work. Depth exceeding 1.5 m, but not exceeding 3 m (P.No. 9, I.No. 1.15.2 of PWP & IWTD SR 2021-22)	Cum	194.82	366.86	71,471.67	0.00	0.00	0.00	0.00
6	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating Each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. (P.No. 07, I.No. 1.9 of PWP & IWTD SR 2021-22)	Cum	173.54	233.19	40,466.63	0.00	0.00	0.00	0.00

Sl. No	Discription of Item	Unit	BOQ Qty	BOQ RATE	Amount	Present Bill		Total claimed up to this bill	
						Qty	Amount	Qty	Amount
7	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates (KPWD SR 2021-22, Volume-I, Item No.2.1.3, Page No.15)	Cum	472.18	5,854.20	27,64,253.72	472.18	27,64,253.72	472.18	27,64,253.72
8	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) Mix 1:2:4 (M15) Using 20 mm nominal size graded crushed coarse aggregates (P.No. 17, I.No. 2.4.1 of PWP & IWTD SR 2021-22)	Cum	2.54	6,601.59	16,784.54	0.00	0.00	0.00	0.00
9	STonnes Providing Size Stone masonry (Available STonnes) with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)	Cum	159.93	4,390.65	7,02,196.65	158.66	6,96,620.53	158.66	6,96,620.53
10	Providing Coursed rubble masonry (first sort) with hard stone in foundation and plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (KPWD SR 2021-22, Volume-II, Item No.5.2, Page No.9)	Cum	489.73	5,854.20	28,66,953.95	489.73	28,66,953.95	489.73	28,66,953.95

	Description of Item	Unit	BOQ Qty	BOQ RATE	Amount	Present Bill		Total claimed up to this bill	
						Qty	Amount	Qty	Amount
11	Providing Coursed rubble masonry (Second sort) with hard stone in foundation and plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (KPWD SR 2021-22, Volume-II, Item No.5.2, Page No.9)	Cum	225.40	5,659.06	12,75,529.49	149.21	8,44,388.34	149.21	8,44,388.34
12	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) (KWPD 2021-22, V-I, Item No.2.1.3, Page No.15)	Cum	90.31	6,342.05	5,72,744.19	90.31	5,72,744.19	90.31	5,72,744.19
13	Providing and laying in position Reinforced cement concrete M20 Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.4.2, Page No.17)	Cum	36.00	6,342.05	2,28,282.09	36.00	2,28,282.09	36.00	2,28,282.09
14	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. (KWPD 2021-22, V-III, Item No.13.1, Page No.99) Issue Rates as on 08.04.2022	Tonnes	3.60	97,570.00	3,51,203.22	3.120	3,04,418.40	3.12	3,04,418.40

Sl. No	Discription of Item	Unit	BOQ Qty	BOQ RATE	Amount	Present Bill		Total claimed up to this bill	
						Qty	Amount	Qty	Amount
15	Providing Flush/ Ruled pointing: Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand) after raking joints to depth nicely lining, including cost of materials, labour, curing as per specifications and as per directions of Engineer-in-charge. (KPWD SR 2021-22, Volume-II, Item No.8.19.1, Page No.44)	Sqm	1,109.76	224.41	2,49,041.24	1,109.76	2,49,041.24	1,109.76	2,49,041.24
16	Refilling available earth around trenches/pipelines, cables in layers not exceeding 20 cms in depth, compacting Each deposited layer by ramming after watering with a lead upto 50 m , and lift upto 1.5 m. Including cost of all labour complete as per specifications (KPWD SR 2021-22, Volume-I, Item No.1.10, Page No.7)	Cum	1,186.48	139.53	1,65,550.01	293.25	40,917.17	293.25	40,917.17
17	Removing & Restting of Kerb Stone (Approved Rate)	M	447.18	135.62	60,646.55	447.10	60,635.70	447.10	60,635.70
18	Providing and fixing pre cast solid cement concrete kerb sTonnes made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete (Approved Rate)	No's	3,809.00	544.44	20,73,771.96	3,809.00	20,73,771.96	3,809.00	20,73,771.96
19	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces (KPWD SR 2021-22, Volume-III, Item No.8.10, Page No.56)	Sqm	756.28	97.57	73,790.24	756.28	73,790.24	756.28	73,790.24
20	Construction of Median and Island with Soil Taken from Borrow Areas Construction of median and Island above road level with approved material brought from borrow pits, spread, sloped and compacted as per clause 408. (KPWD SR 2021-22, Volume-III, Item No.4.30, Page No.25)	Cum	14.10	516.96	7,289.14	14.10	7,289.14	14.10	7,289.14
21	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density. (KWPD 2021-22, V-III, Item No.4.27, Page No.24)	Cum	28.43	2,743.67	77,997.05	28.43	77,997.05	28.43	77,997.05

Sl. No	Discription of Item	Unit	BOQ Qty	BOQ RATE	Amount	Present Bill		Total claimed up to this bill	
						Qty	Amount	Qty	Amount
22	Providing and laying Cement concrete pavement with 1:2:4 for commercial & residential building floors, hardpaths, footpaths using 1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size, including finishing complete as per Engineer incharge. (KPWD SR 2021-22, Volume-II, Item No.9.4, Page No.59)	Cum	41.07	6,959.67	2,85,833.65	41.07	2,85,833.65	41.07	2,85,833.65
23	Providing and laying 52 mm thick cement concrete flooring with concrete hardener topping, under layer 40 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate 6 mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per direction of Engineer incharge. (KPWD SR 2021-22, Volume-II, Item No.9.2, Page No.59)	Cum	123.60	829.34	1,02,506.42	123.60	1,02,506.42	123.60	1,02,506.42
24	Providing, laying & fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification. (KPWD SR 2021-22, Volume-II, Item No.9.40, Page No.65)	Sqm	154.80	1,271.34	1,96,803.43	154.80	1,96,803.43	154.80	1,96,803.43

Sl. No	Discription of Item	Unit	BOQ Qty	BOQ RATE	Amount	Present Bill		Total claimed up to this bill	
						Qty	Amount	Qty	Amount
25	Fabricating,providing and erecting in position of MS Hot Dip galvanised SqHollow poles of 132x132 Heavy Guage of length 3000mm with MS.Hot Dip Galvanized grill work as per approved design and drawing of chief architect using 12*25mm galvanized flat for alround frame and 20mm*20mm galvanized forged design with square for vertical at 150mm c/c as shown in the drawing including providing forged ornamental arrowhead at top and bottom.The work is inclusive of throughing flat,square rods,placing welding all the joints,including grinding finishing 2 coats of anticorrosive paint over one coat of metal primer.The rate is inclusive of all material like MS Hollow galvanized pipe,flat,forged square rods,cost of labour for all items of work cost painting,welding,grinding with all lead and lift as per specification including loading with cost and conveyance of all materials labour machinery and incidental charges for the successful complete of the work as per the direction engineer incharge of the work.	Sqm	2,623.45	15,250.19	4,00,08,110.96	2,586.60	3,94,46,141.45	2,586.60	3,94,46,141.45
26	Fabrication, providing and erecting in position Hot dip galvanised Gate using 72 x72 x 4mm Sq. GI Pipe frame with top pipe bending in heavy hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised Sq. rod for verticals at 150mm c/c, as shown in the drawing including providing ho dip galvanised forged ornamental design in between sq. rods and heads at top, middle and bottom. Intermediate supports of 72x12mm and 50x6mm arch bent to hot dip galvanised flats the work is inclusive of troughing GI flat GI sq. rods, placing, welding all the joints including grinding, finishing metal patty, painting two coats enamel painting. The rate is inclusive of all materials like GI sq rods, GI gorged designs etc., heavy duty hinges are made out of 75mm solid sq block assembled with 20mm dia bearing in three places for Each flop. Heavy duty locking arrangements at two places including cost of labour, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per directions of the engineer-in-charge of the work.	Sqm	28.80	22,246.94	6,40,711.87	28.80	6,40,711.87	28.80	6,40,711.87
27	Removing & Resetting of Cobble Stone (Approved Rate)	Sqm	736.68	435.57	3,20,873.53	736.55	3,20,819.08	736.55	3,20,819.08

Sl. No	Discription of Item	Unit	BOQ Qty	BOQ RATE	Amount	Present Bill		Total claimed up to this bill	
						Qty	Amount	Qty	Amount
28	Providing and laying heavy duty cobble sTonnes 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 30Mpa as per IRC SP 63:2018 & IS 15658 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level , including cost of materials, labour and Usage charges of machinery complete as per specifications (KWPD 2021-22, V-II, Item No.9.31, Page No.64)	Sqm	942.68	1,245.97	11,74,544.77	942.68	11,74,544.77	942.68	11,74,544.77
29	Providing & fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete. (KWPD 2021-22, V-II, Item No.7.35, Page No.26)	Sqm	43.04	299.54	12,892.20	43.04	12,892.20	43.04	12,892.20
30	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two coat applied @ 0.90 ltr/10 m ² over an under coat of primer applied @ 0.80 ltr/10 m ² of approved brand and manufacture including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (KWPD 2021-22, V-II, Item No.8.33.3, Page No.47)	Sqm	62.65	121.50	7,612.22	62.65	7,611.98	62.65	7,611.98
31	Providing & fixing precast Bollards of size 150mm dia 0.90m height made of M25 Reinforced Cement concrete it includes TMT steel, PCC 1:3:6 for fixing and cost of enamel paint and including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge (Approved Rate)	No's	500.00	1,812.85	9,06,425.00	163.00	2,95,494.55	163.00	2,95,494.55
32	Executive Bench: Made out of Sadarahally Grey Stone with hand supporters with 3 line finishing witharch Design with 100mm SLAB Height 90 x Length 150 x Width 45 Cms.	No's	43.00	18,964.68	8,15,481.24	43.00	8,15,481.24	43.00	8,15,481.24

Sl. No	Discription of Item	Unit	BOQ Qty	BOQ RATE	Amount	Present Bill		Total claimed up to this bill	
						Qty	Amount	Qty	Amount
33	Loading and Unloading of Stone Boulder/Stone aggregates/Sand/Kankar/Moorum. (Tipper 5.5 m3) (KPWD SR 2021-22, Volume-III, Item No.1.1 A, Page No.3) (Rs.118.00 per Cum) Cost of Haulage Excluding Loading and Unloading Case-1 : Surfaced Road Taking output 10 t load and lead 10 km = 100 t.km (KPWD SR 2021-22, Volume-III, Item No.1.4 A, Page No.3) (Rs.12.00 per t.km)	Cum	2,088.44	149.28	3,11,761.80	1,685.28	2,51,578.60	1,685.28	2,51,578.60
34	Earth work excavation by manual means for drains, canals, waste weir draft, approach channels, key trench, foundation of Bridges and such similar works, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, excavated surface leveled and sides neatly dressed disposing off or leveling the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage & other appurtenances required to complete the work. In ordinary/soft rock without blasting upto 1.5 m depth (KPWD SR 2021-22, Volume-II, Item No.1.5.1, Page No.6)	Cum	164.27	262.46	43,113.78	49.46	12,982.32	49.46	12,982.32
35	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) (KPWD 2021-22, V-I, Item No.2.1.3, Page No.15)	Cum	64.53	6,234.72	4,02,326.48	32.94	2,05,371.68	32.94	2,05,371.68

Present Bill Total claimed up to this bill

Sl. No	Discription of Item	Unit	BOQ Qty	BOQ RATE	Amount	Present Bill		Total claimed up to this bill	
						Qty	Amount	Qty	Amount
36	Providing and laying in position Reinforced cement concrete M25 Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.4.3, Page No.17)	Cum	22.09	6,929.42	1,53,043.17	6.91	47,896.15	6.91	47,896.15
37	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.5.2, Page No.17)	Cum	3.24	7,303.11	23,662.08	0.00	0.00	0.00	0.00

Sl. No	Description of Item	Unit	BOQ Qty	BOQ RATE	Amount	REVISION		TOTAL CUMULATIVE UP TO THIS ROW	
						Qty	Amount	Qty	Amount
40	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.5.2, Page No.17) FOR STAIRCASE, CHEJJA (GROUND FLOOR)	Cum	5.44	10,664.40	58,035.66	0.00	0.00	0.00	0.00
41	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.5.2, Page No.17) FOR PLINTH BEAM, LIMTEL, ROOF BEAM & ROOF SLAB (FIRST FLOOR)	Cum	34.17	8,833.99	3,01,837.56	0.00	0.00	0.00	0.00

Sl. No	Discription of Item	Unit	BOQ Qty	BOQ RATE	Amount	Present Bill		Total claimed up to this bill	
						Qty	Amount	Qty	Amount
38	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.5.2, Page No.17) FOR PLINTH BEAM, LIMTEL, ROOF BEAM & ROOF SLAB (GROUND FLOOR)	Cum	75.51	8,746.17	6,60,462.65	10.60	92,726.89	10.60	92 726.89
39	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.5.2, Page No.17) FOR COLUMN (GROUND FLOOR)	Cum	4.61	8,016.35	36,939.34	0.00	0.00	0.00	0.00

Sl. No	Discription of Item	Unit	BOQ Qty	BOQ RATE	Amount	Present Bill		Total claimed up to this bill	
						Qty	Amount	Qty	Amount
42	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.5.2, Page No.17) FOR COLUMN (FIRST FLOOR)	Cum	4.61	7,711.93	35,536.57	0.00	0.00	0.00	0.00
43	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement, dowel bars & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.5.2, Page No.17) FOR STAIR CASE (FIRST FLOOR)	Cum	5.28	10,162.89	53,660.06	0.00	0.00	0.00	0.00

		Unit	Req Qty	Req Rate	Amount	Qty	Amount	Qty	Amount
44	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members wherever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately)(KWPD 2021-22, V-II, Item No.11.32, Page No.84) GROUND FLOOR	Kgs	26,978.29	107.33	28,95,579.87	2,552.89	2,74,001.68	2,552.89	2,74,001.68
45	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members wherever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately)(KWPD 2021-22, V-II, Item No.11.32, Page No.84) FIRST FLOOR	Kgs	4,605.60	119.04	5,48,250.62	0.00	0.00	0.00	0.00
46	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (KWPD 2021-22, V-II, Item No.5.4, Page No.9)	Cum	104.44	60,098.24	62,76,780.38	0.00	0.00	0.00	0.00
47	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. (KWPD 2021-22, V-II, Item No.6.32, Page No.17)	Sqm	309.65	1,341.59	4,15,416.64	0.00	0.00	0.00	0.00

Sl. No	Discription of Item	Unit	BOQ Qty	BOQ RATE	Amount	Present Bill		Total claimed up to this bill	
						Qty	Amount	Qty	Amount
48	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. (KWPD 2021-22, V-II, Item No.6.32, Page No.17) FIRST FLOOR	Sqm	178.66	1,362.08	2,43,342.40	38.86	52,930.43	38.86	52,930.43
49	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. (P.No. 17, I.No. 6.33 of PWP & IWTD SR 2021-22)	Sqm	77.70	1,192.31	92,642.49	0.00	0.00	0.00	0.00
50	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. (P.No. 17, I.No. 6.33 of PWP & IWTD SR 2021-22) FIRST FLOOR	Sqm	67.20	1,201.09	80,713.25	0.00	0.00	0.00	0.00
51	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x100x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. (KWPD 2021-22, V-II, Item No.6.34, Page No.17)	Sqm	13.05	1,054.73	13,764.23	0.00	0.00	0.00	0.00

					Qty	Amount	Qty	Amount
52	Providing and laying in position Reinforced cement concrete M25 Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.4.3, Page No.17) FOR COLUMN	Cum	2.16	6,726.48	14,529.20	0.00	0.00	0.00
53	Providing and laying in position Reinforced cement concrete M25 Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) (KWPD 2021-22, V-I, Item No.2.4.3, Page No.17) FOOTING	Cum	29.81	7,215.30	2,15,073.66	0.00	0.00	0.00

Sl. No	Discription of Item	Unit	BOQ Qty	BOQ RATE	Amount	Present Bill		Total claimed up to this bill	
						Qnty	Amount	Qnty	Amount
54	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necessary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates(P.No. 17, I.No. 2.4.3 of PWP & IWTD SR 2021-22)	Cum	7.18	7,030.89	50,481.79	0.00	0.00	0.00	0.00
55	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. (KWPD 2021-22, V-II, Item No.8.3.1, Page No.41)	Sqm	240.34	335.64	80,667.72	0.00	0.00	0.00	0.00
56	Providing 18 mm cement plaster in two coats under layer 12 mm thick cement plaster with cement mortar 1:5 (1 cement : 5 coarse sand) inished with a top layer 6 mm thick cement plaster with cement mortar 1:6 (1 cement : 6 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. (KWPD 2021-22, V-II, Item No.8.8, Page No.42)	Sqm	131.58	343.45	45,191.15	0.00	0.00	0.00	0.00

Sl. No	Discription of Item	Unit	BOQ Qty	BOQ RATE	Amount	Present Bill		Total claimed up to this Bill	
						Qty	Amount	Qty	Amount
57	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.. (KWPD 2021-22, V-II, Item No.8.1.1, Page No.41) GROUND FLOOR	Sqm	1,647.08	234.17	3,85,695.55	0.00	0.00	0.00	0.00
58	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.. (KWPD 2021-22, V-II, Item No.8.1.1, Page No.41) FIRST FLOOR	Sqm	394.06	234.17	92,277.03	0.00	0.00	0.00	0.00
59	Providing 15 mm cement plaster on the rough side of single or half brick wall of mix 1:4 (1 cement: 4 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.(P.No. 40, I.No. 8.2.1 of PWP & IWTD SR 2021-22) GROUND FLOOR	Sqm	156.70	277.10	43,421.57	0.00	0.00	0.00	0.00
60	Providing 15 mm cement plaster on the rough side of single or half brick wall of mix 1:4 (1 cement: 4 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.(P.No. 40, I.No. 8.2.1 of PWP & IWTD SR 2021-22) FIRST FLOOR	Sqm	262.65	282.95	74,316.82	0.00	0.00	0.00	0.00
61	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge. (KWPD 2021-22, V-II, Item No.8.51, Page No.50) GROUND FLOOR	Sqm	2,622.50	87.81	2,30,281.29	0.00	0.00	0.00	0.00

Sl. No	Discription of Item	Unit	BOQ Qty	BOQ RATE	Amount	Present Bill		Total claimed up to this bill	
						Qty	Amount	Qty	Amount
62	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge. (KWPD 2021-22, V-II, Item No.8.51, Page No.50) FIRST FLOOR	Sqm	656.71	96.24	63,201.77	0.00	0.00	0.00	0.00
63	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :Two coats on new work after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (P.No. 48, I.No. 8.39 of PWP & IWTD SR 2021-22) GROUND FLOOR	Sqm	1,572.20	108.81	1,71,070.54	0.00	0.00	0.00	0.00
64	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :Two coats on new work after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (P.No. 48, I.No. 8.39 of PWP & IWTD SR 2021-22) FIRST FLOOR	Sqm	394.06	109.87	43,295.37	0.00	0.00	0.00	0.00
65	Finishing walls with textured exterior paint of required shade :New work (Two coats applied @ 3.28 ltr/10 m ²) over and including priming coat of exterior primer applied @ 2.20kg/10 m ² to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.(P.No. 45, I.No. 8.29 of PWP & IWTD SR 2021-22) GROUND FLOOR	Sqm	156.70	238.83	37,424.66	0.00	0.00	0.00	0.00

Sl. No	Discription of Item	Unit	BOQ Qty	BOQ RATE	Amount	Present Bill		Total claimed up to this bill	
						Qty	Amount	Qty	Amount
66	Finishing walls with textured exterior paint of required shade :New work (Two coats applied @ 3.28 ltr/10 m ²) over and including priming coat of exterior primer applied @ 2.20kg/10 m ² to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.(P.No. 45, I.No. 8.29 of PWP & IWTDR SR 2021-22) FIRST FLOOR	Sqm	262.65	240.20	63,088.53	0.00	0.00	0.00	0.00
67	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two coat applied @ 1.67 ltr/10 m ² over and including priming coat of exterior primer applied @ 2.20 kg/10 m ²) with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (KWPD 2021-22, V-II, Item No.8.30, Page No.46)	Sqm	240.34	155.14	37,286.35	0.00	0.00	0.00	0.00
68	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications: Two coats applied on walls @ 1.25 ltr/10 m ² over and including one coat of Special primer applied @ 0.75 ltr /10 m ² with paint of approved quality to give an even shade, after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (KWPD 2021-22, V-II, Item No.8.33.1, Page No.46)	Sqm	206.46	135.62	28,000.11	0.00	0.00	0.00	0.00

Sl. No	Discription of Item	Unit	BOQ Qty	BOQ RATE	Amount	Present Bill		Total claimed up to this bill	
						Qty	Amount	Qty	Amount
69	Providing and laying water proofing treatment to the Roof with PU based single component elastomeric pure polyurethane based coating on New terrace/Chajjas/Sunken portion of WC:Bathroom, cold applied PU waterproofing membrane that is highly elastic with elongation greater than 400% and tensile strength greater than 2MPa as per ASTM D412. The waterproofing membrane to be applied in 2coats @ 1.6kg per m2 to achieve final DFT (dry film thickness) of 1mm including prime coat of epoxy primer @150 g per m2 and protection with 120gsm Geo-textile over the waterproofing membrane. The finished cost to include surface preparation, making coving at Junction, Bore Packing, treatment of construction joints completely as per specification & with a 10 years warranty on product & work from certified manufacturers as per the direction of the Engineer In charge. (KWPD 2021-22, V-II, Item No.15.1, Page No.132)	Sqm	95.12	853.74	81,207.75	0.00	0.00	0.00	0.00
70	Providing and laying water proofing treatment to the Roof with PU based single component elastomeric pure polyurethane based coating on New terrace/Chajjas/Sunken portion of WC:Bathroom, cold applied PU waterproofing membrane that is highly elastic with elongation greater than 400% and tensile strength greater than 2MPa as per ASTM D412. The waterproofing membrane to be applied in 2coats @ 1.6kg per m2 to achieve final DFT (dry film thickness) of 1mm including prime coat of epoxy primer @150 g per m2 and protection with 120gsm Geo-textile over the waterproofing membrane. The finished cost to include surface preparation, making coving at Junction, Bore Packing, treatment of construction joints completely as per specification & with a 10 years warranty on product & work from certified manufacturers as per the direction of the Engineer In charge. (KWPD 2021-22, V-II, Item No.15.1, Page No.132) TERRACE FLOOR	Sqm	140.00	868.37	1,21,571.80	0.00	0.00	0.00	0.00

Sl. No	Discription of Item	Unit	BOQ Qty	BOQ RATE	Amount	ITEM TOTAL		TOTAL AMOUNT UP TO THIS ROW	
						Qty	Amount	Qty	Amount
71	Providing and laying of 1.5 mm thick SBS modified self adhesive single stick waterproofing membrane, with minimum elongation of 300% and puncture resistance of >200 N (as per ASTM E154), with an overlap of 100mm on the side and 100mm in vertical lapping over a coat bituminous primer @ 0.25 l/m2, complete including surface preparation as per the methodology and site condition & placing the dimple board over the SBS membrane. The cost is inclusive of surface preparation, crack filling, repair of loose mortar etc. completely as per specification & with a 10 years warranty on product & work from certified manufacturers as per the direction of the Engineer In charge. (KWPD 2021-22, V-II, Item No.15.3, Page No.133)	Sqm	3.60	678.11	2,441.20	0.00	0.00	0.00	0.00
72	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings /wooden frames with rawl plugs screws etc. (KWPD 2021-22, V-II, Item No.11.34B, Page No.84)	KG	181.44	160.84	29,182.81	0.00	0.00	0.00	0.00
73	Providing & fixing of 2-track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6 PHR with TPE (Thermo Plastic Elastomer) and lead free, gaskets -grey color having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 44mm width x 40mm height with reinforcement of 1mm thickness and Sash with overall size of 27mm X 53mm with UPVC honeycomb structure inside in lieu of GI reinforcement. Coextruded Glazing bead for fixing of glass shall be of size 9.5mm x 21.5mm. Windows shall be provided with 5mm plain float glass, standard hardware & single point locking system with Crescent Locks. Wall thickness of frame & sash shall be of 2 mm. Maximum possible size - 1219mm x 1219mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made)(KWPD 2021-22, V-II, Item No.11.34B, Page No.84)	Sqm	8.64	4,715.56	40,742.44	0.00	0.00	0.00	0.00

Sl. No	Discription of Item	Unit	BOQ Qty	BOQ RATE	Amount	Present Bill		Total claimed up to this bill	
						Qty	Amount	Qty	Amount
74	Providing & fixing of 2.5 track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 94mm width x 45mm height with reinforcement of 1mm thickness and Sash with overall size of 39mm x 58mm with GI reinforcement of 1.5mm and mesh sash of size 25mm x 42mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 5mm plain float glass, standard hardware& single point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 1819mm x 1819mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) (P.No. 111, I.No. 12.89 of PWP & IWTD SR 2021-22)	Sqm	18.00	7,705.10	1,38,691.80	0.00	0.00	0.00	0.00
75	Providing & fixing of 2.5 track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 94mm width x 45mm height with reinforcement of 1mm thickness and Sash with overall size of 39mm x 58mm with GI reinforcement of 1.5mm and mesh sash of size 25mm x 42mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 5mm plain float glass, standard hardware& single point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 1819mm x 1819mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) (P.No. 111, I.No. 12.89 of PWP & IWTD SR 2021-22) FIRST FLOOR	Sqm	18.00	7,782.18	1,40,079.24	0.00	0.00	0.00	0.00

Sl. No	Description of Item	Unit	BOQ Qty	BOQ RATE	Amount	TENDER BILL		COST ESTIMATE UP TO 10% OF	
						Qty	Amount	Qty	Amount
76	Providing & fixing 10 mm thick plaster of Paris (gypsum anhydrous) ceiling up to a height of 5 m above floor level, over first class kail wood strips 25x6 mm with 10 mm gap in between and reinforced with rabbit wire mesh fixed to wooden frame.Flat surfaces (P.No. 133, I.No. 15.1 of PWP & IWTD SR 2021-22) GROUND FLOOR	Sqm	67.50	1,089.86	73,565.55	0.00	0.00	0.00	0.00
77	Providing & fixing 10 mm thick plaster of Paris (gypsum anhydrous) ceiling up to a height of 5 m above floor level, over first class kail wood strips 25x6 mm with 10 mm gap in between and reinforced with rabbit wire mesh fixed to wooden frame.Flat surfaces (P.No. 133, I.No. 15.1 of PWP & IWTD SR 2021-22) FIRST FLOOR	Sqm	86.85	1,100.59	95,586.24	0.00	0.00	0.00	0.00
78	Providing & fixing of louvered ventilator made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness. Louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm.Maximum possible size – 1000mm x 1000mm.(The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) (KWPD 2021-22, V-II, Item No.12.85, Page No.110)	Sqm	0.90	5,581.98	5,023.78	0.00	0.00	0.00	0.00

Sl. No	Discription of Item	Unit	BOQ Qty	BOQ RATE	Amount	Present Bill		Total claimed up to this bill	
						Qty	Amount	Qty	Amount
79	Providing & fixing of louvered ventilator made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanum Dioxide) at 6PIR with TPE(Thermo Plastic Elastomer) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness. Louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm.Maximum possible size - 1000mm x 1000mm.(The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) (KWPD 2021-22, V-II, Item No.12.85, Page No.110) FIRST FLOOR	Sqm	1.08	5,638.07	6,089.12	0.00	0.00	0.00	0.00
80	Providing and fixing Fiber Glass Reinforced plastic (FRP) Door Frames of cross- section 90 mm x 45 mm having single rebate of 32 mm x 15 mm to receive shutter of 30 mm thickness. The laminate shall be moulded with fire resistant grade unsaturated polyester resin and chopped mat. Door frame laminate shall be 2mm thick and shall be filled with suitable wooden block in all the three legs. The frame shall be covered with fiber glass from all sides. M.S. stay shall be provided at the bottom to steady the frame (KWPD 2021-22, V-II, Item No.12.98)	Mtr	11.40	722.99	8,242.09	0.00	0.00	0.00	0.00
81	Providing and fixing to existing door frames. 30 mm thick Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames. (KWPD 2021-22, V-II, Item	Sqm	3.15	3,576.92	11,267.30	0.00	0.00	0.00	0.00

Sl. No	Discription of Item	Unit	BOQ Qty	BOQ RATE	Amount	Present Bill		Total claimed up to this bill	
						Qty	Amount	Qty	Amount
82	Providing Mathi/Nandi wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster grooves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications. (KWPD 2021-22, V-II, Item No.12.12, Page No.100)	Cum	0.12	86,363.11	10,363.57	0.00	0.00	0.00	0.00
83	Providing and fixing in position fully panelled Mathi/Nandi wood shutters for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures) (KWPD 2021-22, V-II, Item No.12.15, Page No.100)	Cum	3.78	5,221.95	19,738.97	0.00	0.00	0.00	0.00
84	Painting wood work with Deluxe Multi Surface Paint of required shade. Two coat applied @ 0.90 ltr/10 m ² over an under coat of primer applied @ 0.75 ltr/10 m ² of approved brand and manufacture to give an even shade including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting , cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (KWPD 2021-22, V-II, Item No.8.33.2, Page No.46)	Sqm	7.56	120.01	907.28	0.00	0.00	0.00	0.00
85	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two coat applied @ 0.90 ltr/10 m ² over an under coat of primer applied @ 0.80 ltr/10 m ² of approved brand and manufacture including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. (KWPD 2021-22, V-II, Item No.8.33.3, Page No.47)	Sqm	17.28	120.99	2,090.71	0.00	0.00	0.00	0.00

Sl. No	Discription of Item	Unit	BOQ Qty	BOQ RATE	Amount	Present Bill		Total claimed up to this bill	
						Qty	Amount	Qty	Amount
86	Providing and laying vitrified floor tiles in different sizes 500x500 mm (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joints with white cement and matching pigments etc., complete.(P.No. 60, I.No. 9.12.1, V-2 of PWP & IWTD SR 2021-22) GROUND FLOOR	Sqm	17.37	1,137.67	19,761.33	0.00	0.00	0.00	0.00
87	Providing and laying vitrified floor tiles in different sizes 500x500 mm (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joints with white cement and matching pigments etc., complete.(P.No. 60, I.No. 9.12.1, V-2 of PWP & IWTD SR 2021-22) FIRST FLOOR	Sqm	5.04	1,145.47	5,773.17	0.00	0.00	0.00	0.00
88	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joint with white cement & matching pigments etc. complete.Size of Tile 500x500 mm (P.No. 61, I.No. 9.17.1 of PWP & IWTD SR 2021-22) GROUND FLOOR	Sqm	134.40	1,152.30	1,54,869.12	0.00	0.00	0.00	0.00
89	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joint with white cement & matching pigments etc. complete.Size of Tile 500x500 mm (P.No. 61, I.No. 9.17.1 of PWP & IWTD SR 2021-22) FIRST FLOOR	Sqm	26.79	1,173.77	31,445.30	0.00	0.00	0.00	0.00

Sl. No	Description of Item	Unit	BOQ Qty	BOQ RATE	Amount	Present Bill		Total claimed up to this bill	
						Qty	Amount	Qty	Amount
90	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.** Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, River Pink or equivalent. (P.No. 63, I.No. 9.23 of PWP & IWTD SR 2021-22) GROUND FLOOR	Sqm	356.01	3,092.97	11,01,120.52	154.08	4,76,564.82	154.08	4,76,564.82
91	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.** Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, River Pink or equivalent. (P.No. 63, I.No. 9.23 of PWP & IWTD SR 2021-22) FIRST FLOOR	Sqm	119.10	3,250.06	3,87,082.15	0.00	0.00	0.00	0.00
92	Providing and fixing Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required. In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge. (KWPD 2021-22, V-II, Item No.11.25.2, Page No.82)	kGS	16,978.50	126.84	21,53,552.94	13,356.42	16,94,128.31	13,356.42	16,94,128.31

Sl. No	Discription of Item	Unit	BOQ Qty	BOQ RATE	Amount	Present Bill		Total claimed up to this bill	
						Qty	Amount	Qty	Amount
93	Providing and fixing of Aluminium composite panel of approved make and colour for wall cladding for Brick/Rcc/stone walls & coloumns/ beams with necessary aluminium frame works at required level made out of 50x25x4mm C section or equivalent. The panel should consist of 3mm thick non-halogenated FR grade mineral based polymer (2 hrs fire resistance as per ASTM E119-12 and clause B, S1, do as per ENT 13501-1sandwiched between 0.50 skins thick aluminium sheet making a total panel thickness of 4mm. The surfaces will be finished with PVDF based coating on topsides and service coating on reverse sides would be in polyester paint. The system shall be fixed using GI brackets, aluminium L cleats and stainless steel bolts and nuts complete with spring washer and cap nuts and all other necessary accessories, sealing shall be done with necessary rods etc., complete (KWPD 2021-22, V-II, Item No.10.15.1, Page No.71)	Sqm	790.60	4,229.66	33,43,969.20	632.48	26,75,175.36	632.48	26,75,175.36
94	Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in- charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts, bolts, fasteners etc.) including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer in-Charge.(KWPD 2021-22, V-II, Item No.11.28, Page No.83)	kGS	796.50	572.74	4,56,187.41	637.20	3,64,949.93	637.20	3,64,949.93